

ABK-S ARAL SAN SCOTCH TYPE STEAM BOILER



FUEL TYPE

Natural Gas, Fuel Oil, Furnace Oil, Diesel Oil, LPG, LNG, CNG

CAPACITY RANGE

Manufactured according to customer request from 0.5 ton/h to 20 ton/h steam at the operation pressure from 0.5 bar to 30 bar.

ALL IN ONE

Package delivery with its all necessary operation and safety equipment

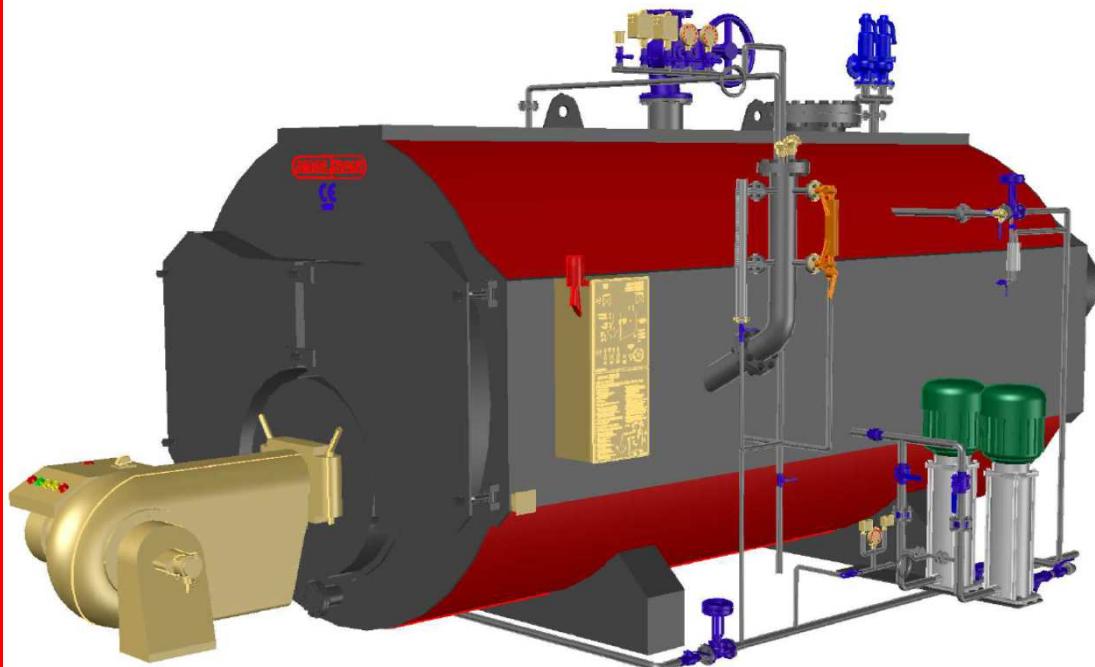
- Burner*
- Feed water pump*
- Control panel*
- Main steam valve*
- Safety valve*
- All operation and safety equipment*
- Modulating feed water system with special modulating pump (optional)*
- Automatic surface and bottom blowdown (optional)*
- Oxygen trim system (optional)*
- Compact deaerator (optional)*
- Economizer (optional)*
- Condensate tank (optional)*
- Water softener (optional)*

SAFETY PROPERTIES

Safe operation with high efficiency

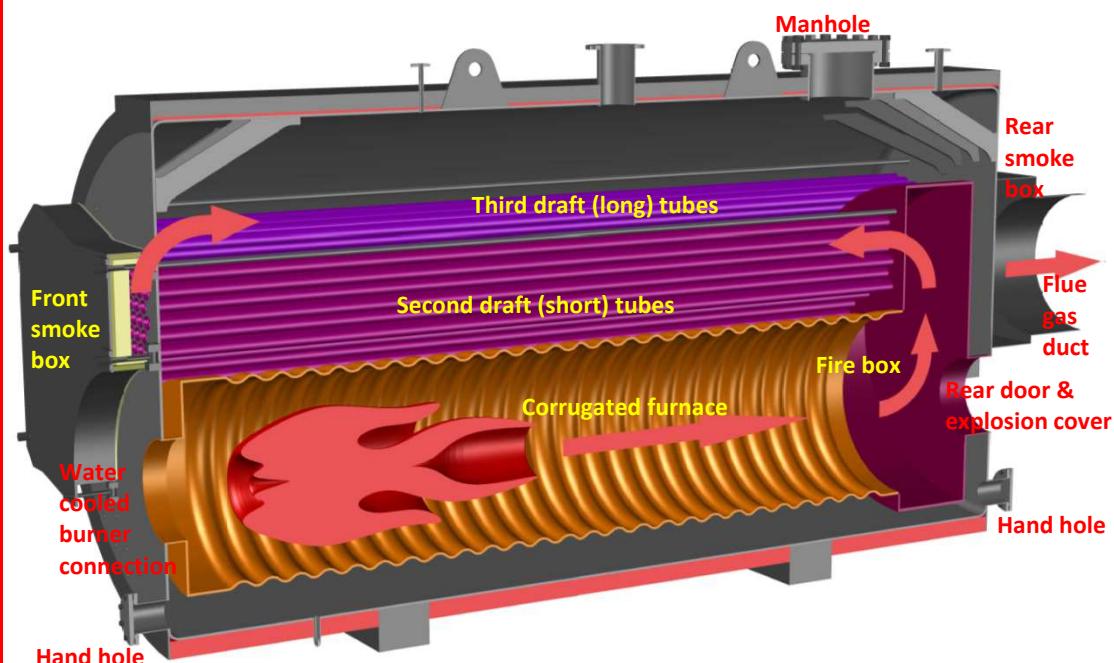
- Steam pressure control*
- Steam temperature control*
- Water level control*
- Low water level control*
- High water level control*
- Flue gas temperature control*

- Pump low pressure control*
- Pump high pressure control*
- Pump over load control*
- Condensate tank low water level control*
- Double safety valves*
- Burner flame control*



DESIGN PROPERTIES

Three-pass shell boiler manufacturing in accordance with PED 2014/68/EU



Three-pass fire & smoke tube shell boiler manufactured in accordance with EN 12953

High pressure resistant corrugated furnace compensating expansion by heat

Water cooled burner connection flange preventing heat loss

Manhole offering water side control of boiler

Front and rear hand holes offering cleaning of water side during yearly maintenance

Ceramic sealing in front smoke box, rear smoke box and rear door

Body wrapped by rockwool

Front smoke box insulated by ceramic blanket preventing heat loss

Large steaming surface preventing water particles to go with steam

CE certificate ensuring user safety